

**The details of department wise qualification, syllabus for written test and institutions where these departments are being run**

S.N.	NAME OF DEPARTMENT	Qualification Criterion	Clarification regarding qualification	Syllabus for written test GATE/NET (Code)	Institutes in which posts are available
1	Automobile	AICTE	Mechanical / Automobile Engineering candidates can apply	GATE-Mechanical Engineering (ME)	UIT – Bhopal
2	Bio Technology	University Norms	B.E./B.Tech. and M.E./M.Tech. in relevant branch with First Class or equivalent either in B.E./B.Tech. or M.E. /M.Tech. OR Ph.D. Degree in relevant specialisation	GATE- in Bio Technology (BT)	UTD-Bhopal
3	Chemistry	UGC		CSIR-UGC NET Chemical Sciences	UIT–Bhopal, UIT–Jhabua, UIT-Shahdol, University polytechnic, Bhopal
4	Civil Engineering	AICTE	According to University norms, qualification for Lecturers in University polytechnic is same as AICTE qualification of Assistant Professor in Degree Institution.	GATE-Civil Engineering (CE)	UIT–Bhopal, UIT–Jhabua, UIT-Shahdol, University polytechnic, Bhopal
5	Computer Science Engineering	AICTE		GATE-Computer Science and Information Technology (CS)	UIT–Bhopal, UIT–Jhabua, UIT- Shahdol,
6	Electronics	AICTE	According to University norms, qualification for Lecturers in University polytechnic is same as AICTE qualification of Assistant Professor in Degree Institution.	GATE-Electronics and Communication Engineering (EC)	UIT–Bhopal, UIT–Jhabua, University polytechnic, Bhopal

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7	Electrical Engineering	AICTE	According to University norms, qualification for Lecturers in University polytechnic is same as AICTE qualification of Assistant Professor in Degree Institution.	GATE-Electrical Engineering (EE)	UIT–Bhopal, UIT-Shahdol, University polytechnic, Bhopal
8	Energy	AICTE	Engineering degree in Mechanical/ Electrical/Energy with M.E./M.Tech. in Energy and Environmental Management/ Energy Technology/Energy	As GATE/NET examination is not conducted for this branch. The syllabus for the written test will be as approved by the university.	UTD-Bhopal
9	English	UGC		UGC NET English (30)	UIT–Bhopal, UIT–Jhabua, UIT-Shahdol, University polytechnic, Bhopal
10	Geology	UGC		CSIR-UGC NET – Earth Science	UIT- Shahdol
11	Information Technology	AICTE		GATE-Computer Science and Information Technology (CS)	UIT–Bhopal, UTD Bhopal
12	Management	UGC		UGC NET Management (17)	UTD-Bhopal
13	Mathematics	UGC		CSIR-UGC NET Mathematical Sciences	UIT–Bhopal, UIT–Jhabua, UIT-Shahdol, University polytechnic, Bhopal
14	MCA	AICTE		GATE-Computer Science and Information Technology (CS)	UIT-Bhopal

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15	Mechanical Engineering	AICTE	According to University norms, qualification for Lecturers in University polytechnic is same as AICTE qualification of Assistant Professor in Degree Institution.	GATE-Mechanical Engineering (ME)	UIT–Bhopal, UIT–Jhabua , UIT- Shahdol, University polytechnic, Bhopal
16	Mining	AICTE		GATE-in Mining Engineering (MN)	UIT- Shahdol
17	Nano Technology	University Norms	B.E./B.Tech. and M.E./M.Tech. in relevant branch with First Class or equivalent either in B.E./B.Tech. or M.E. /M.Tech. OR Ph.D. Degree in relevant specialisation	As GATE/NET examination is not conducted for this branch. The syllabus for the written test will be as approved by the university.	UTD-Bhopal
18	Petrochemical Engineering	AICTE	Petroleum Engineering/Chemical Engineering/ Petrochemical Engineering candidates can apply	GATE in Chemical Engineering (CH) or in Petroleum Engineering (PE)	UIT–Bhopal
19	Pharmacy	AICTE		GPAT	UTD-Bhopal
20	Physics	UGC		CSIR-UGC NET Physical Sciences	UIT–Bhopal, UIT–Jhabua, UIT-Shahdol, University polytechnic, Bhopal

For the departments which are running only PG courses and are awarding M.Tech. degree in Bio Technology, Nano Technology, Energy Technology, Cyber Forensics, Data Science, Pharmaceutical Chemistry, Pharmaceuticals and Quality Assurance, candidates having relevant specialisation shall only be considered.